

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mark Edward Brennan Smith et al.  
Serial No.: 10/585,373  
§ 371(c) date: October 20, 2008  
Title: Modified Molecular Arrays

Examiner: Lianko G. Garyu  
Group Art Unit 1636  
Docket No. IP-0338-US  
Conf. No. 2995

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO FIRST OFFICE ACTION**

In response to the first Office Action, mailed July 20, 2011, the Applicants request entry of the following amendment and consideration of the accompanying remarks.

If necessary to keep the application pending, please charge any additional fees or credit any overpayment to Deposit Account No. 50-2690.

A response was initially due October 20, 2011, but the fee for a three-month extension of time is being filed herewith, extending the date to January 20, 2012. Accordingly, the Response is timely filed.

The Amendment to the Specification begins on page 2.

The Amendment to the Drawings begins on page 3.

The Amendment to the Claims begins on page 4.

The Remarks begin on page 10.